

IN THE CLAIMS:

Please amend Claims 1, 3-6, 1, 10, 11, 13, and 14, as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1. (Currently Amended) A connection control method for an information processing apparatus, the method comprising:

a reception step of receiving identification information for identifying [[each]] a first wireless network ~~of a plurality of~~ and a second wireless ~~networks~~ network;

a first joining step of wirelessly joining [[a]] the first wireless network identified by the identification information received in the reception step;

a ~~detection~~ first inquiry step of inquiring, of [[other]] one or more information processing apparatuses in the first ~~wirelessly joined~~ wireless network, whether the [[other]] one or more information processing apparatuses are capable of performing a predetermined processing; ~~and;~~

a first detection step of detecting, based on a positive inquiry response to the inquiring in the first inquiry step, detecting ~~another~~ an information processing apparatus capable of performing the predetermined processing in the first wireless network;

a first request step of requesting the predetermined processing from the [[other]] information processing apparatus in the first wireless network capable of performing the predetermined processing, if the [[other]] information processing apparatus capable of performing the predetermined processing in the first wireless network is detected in the first

detection step; and

a second joining step of joining ~~another~~ the second wireless network identified by the identification information received in the reception step, if ~~another~~ no information processing apparatus capable of performing the predetermined processing in the first wireless network is [[not]] detected in the first detection step[.];

a second inquiry step of inquiring, of one or more information processing apparatuses in the second wireless network, whether the one or more information processing apparatuses are capable of performing the predetermined processing, if no information processing apparatus capable of performing the predetermined processing in the first wireless network is detected in the first detection step;

a second detection step of, based on a positive response to the inquiring in the second inquiry step, detecting an information processing apparatus capable of performing the predetermined processing in the second wireless network;

a second request step of requesting the predetermined processing from the information processing apparatus in the second wireless network capable of performing the predetermined processing, if no information processing apparatus capable of performing the predetermined processing in the first wireless network is detected in the first detection step, wherein the first wireless network is different from the second wireless network,

wherein the detection step is executed again in the wireless network joined in the second joining step and the request step is executed in accordance with a result of the detection step;

2. (Canceled)

3. (Currently Amended) The method according to claim 1, wherein, in the first request step, the predetermined processing is requested from another information processing apparatus that has first positively responded to the inquiring in the first inquiry step.

4. (Currently Amended) The method according to claim 3, wherein, in the first request step, when the predetermined processing performed by ~~the other~~ an information processing apparatus that has first positively responded to the inquiry inquiring in the first inquiry step ends as an error, the predetermined processing is requested from [[yet]] another information processing apparatus that has positively responded to the inquiring in the first inquiry step.

5. (Currently Amended) The method according to claim 1, wherein, in the ~~detection~~ first inquiry step, when [[the]] a response to the inquiry inquiring is a negative response or no response exists, it is determined that there is no [[other]] information processing apparatus capable of performing the predetermined processing in the first wireless network.

6. (Currently Amended) The method according to claim 1, wherein, in the ~~detection~~ first inquiry step, it is inquired whether all [[other]] information processing apparatuses in ~~a same~~ the first wireless network are capable of performing the predetermined processing.

7. (Previously Presented) The method according to claim 1, wherein the information processing apparatus wirelessly communicates according to a wireless LAN method defined by IEEE 802.11.

8. (Original) The method according to claim 7, wherein the information processing apparatus wirelessly communicates in a communication mode according to an infrastructure mode defined by IEEE 802.11.

9. (Original) The method according to claim 7, wherein the information processing apparatus wirelessly communicates in a communication mode according to an ad-hoc mode defined by IEEE 802.11.

10. (Currently Amended) An information processing apparatus comprising:
reception means for receiving identification information for identifying ~~[[each]] a~~
first wireless network ~~of a plurality of and a second wireless networks network;~~
first joining means for wirelessly joining ~~[[a]]~~ the first wireless network identified
by the identification information received by the reception means;
~~detection~~ first inquiry means for inquiring, of ~~[[other]]~~ one or more information
processing apparatuses in the first ~~wirelessly joined~~ wireless network, whether the ~~[[other]]~~ one
or more information processing apparatuses are capable of performing a predetermined
processing; ~~and;~~
first detection means for detecting, based on a positive inquiry response to the

inquiring by the first inquiry means, detecting another an information processing apparatus capable of performing the predetermined processing in the first wireless network;

first request means for requesting the predetermined processing from the [[other]] information processing apparatus in the first wireless network capable of performing the predetermined processing, if the [[other]] information processing apparatus capable of performing the predetermined processing in the first wireless network is detected by the first detection means; and

second joining means for joining another the second wireless network identified by the identification information received by the reception means, if the other no information processing apparatus capable of performing the predetermined processing in the first wireless network is [[not]] detected by the first detection means[[.]];

second inquiry means for inquiring, of one or more information processing apparatuses in the second wireless network, whether the one or more information processing apparatuses are capable of performing the predetermined processing, if no information processing apparatus capable of performing the predetermined processing in the first wireless network is detected by the first detection means;

second detection means for, based on a positive response to the inquiring by the second inquiry means, detecting an information processing apparatus capable of performing the predetermined processing in the second wireless network;

second request means for requesting the predetermined processing from the information processing apparatus in the second wireless network capable of performing the predetermined processing, if no information processing apparatus capable of performing the

~~predetermined processing in the first wireless network is detected by the first detection means,~~
~~wherein the first wireless network is different from the second wireless network,~~
~~wherein the detection means is activated again in the wireless network joined by~~
~~the second joining means and the request means is activated in accordance with a result of the~~
~~detection means.~~

11. (Currently Amended) A computer-readable storage program product comprising a computer-usable medium having computer-readable program codes control logic stored therein ~~that, when executed by a computer, for causing a computer to control a connection of an information processing apparatus, wherein the control logic causes the computer to~~ implement a method comprising:

a reception step of receiving identification information for identifying ~~[[each]] a~~
~~first wireless network out of a plurality of~~ and a second wireless network networks;

a first joining step of wirelessly joining ~~in a~~ the first wireless network identified by the identification information received in the reception step;

a detection first inquiry step of inquiring, of ~~[[other]]~~ one or more information processing apparatuses in the ~~wirelessly joined first~~ first wireless network, whether the ~~[[other]] one~~
~~or more information processing apparatuses in the first wireless network are capable of have a~~
~~function of performing a predetermined processing; and,~~

a first detection step of detecting, based on a positive inquiry response to the
inquiring in the first inquiry step, ~~detecting another~~ an information processing apparatus capable of performing the predetermined processing;

a first request step of requesting the predetermined processing ~~[[for]]~~ from the ~~[[other]]~~ information processing apparatus in the first wireless network capable of performing the predetermined processing, if the ~~[[other]]~~ information processing apparatus capable of performing the predetermined processing in the first wireless network is detected in the first detection step; and

a second joining step of joining ~~in another~~ the second wireless network identified by the ~~[[other]]~~ identification information received in the reception step, if ~~another~~ no information processing apparatus capable of performing the predetermined processing in the first wireless network is ~~[[not]]~~ detected in the detection step~~[[,]]~~;

a second inquiry step of inquiring, of one or more information processing apparatuses in the second wireless network, whether the one or more information processing apparatuses are capable of performing the predetermined processing, if no information processing apparatus capable of performing the predetermined processing in the first wireless network is detected in the first detection step;

a second detection step of, based on a positive response to the inquiring in the second inquiry step, detecting an information processing apparatus capable of performing the predetermined processing in the second wireless network;

a second request step of requesting the predetermined processing from the information processing apparatus in the second wireless network capable of performing the predetermined processing, if no information processing apparatus capable of performing the predetermined processing in the first wireless network is detected in the first detection step,

wherein the first wireless network is different from the second wireless network.

wherein the detection step is executed again in the wireless network joined in the second joining step and the request step is executed in accordance with a result of detection:

12. (Canceled)

13. (Currently Amended) The method according to claim 1, wherein in the first request step, ~~another~~ the information processing apparatus capable of performing the predetermined processing is connected and the predetermined processing is requested.

14. (Currently Amended) The method according to claim 13, wherein, in the first request step, the predetermined processing is requested from ~~another~~ an information processing apparatus that has positively responded to the inquiring in the first inquiry step.